

FIG. 1

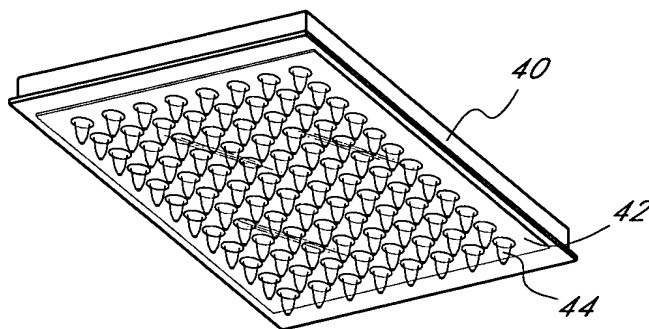


FIG. 2

Efficiency of leukocyte trapping of fresh and frozen blood samples on filterplates

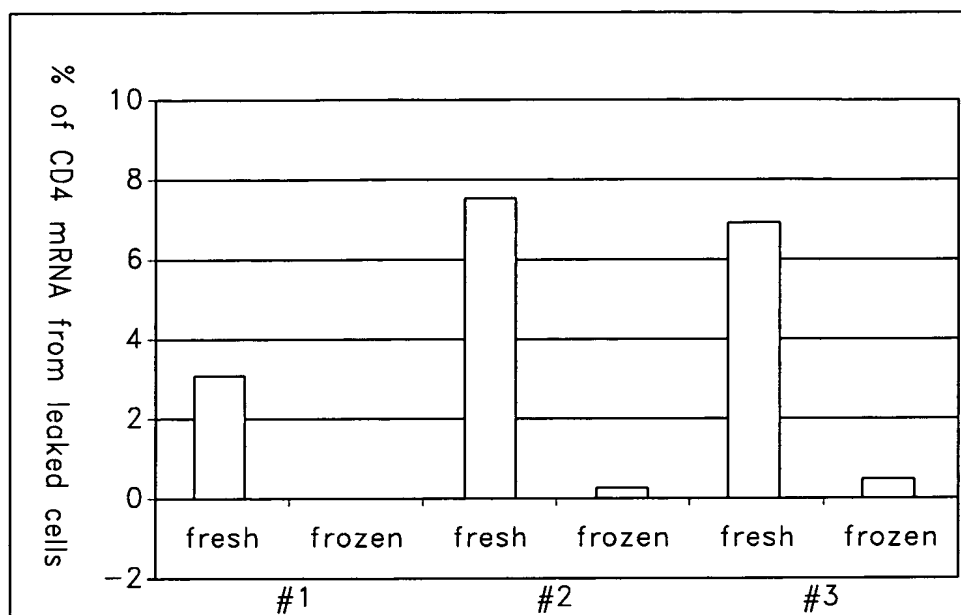


FIG. 3

Number of washes after application of blood

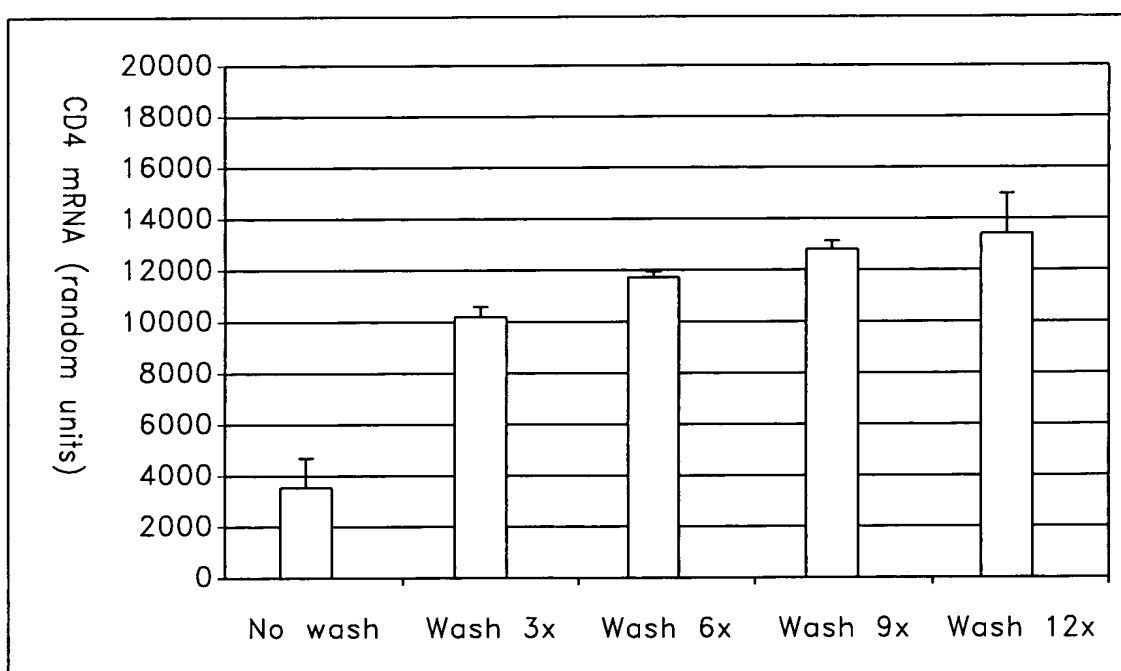


FIG. 4

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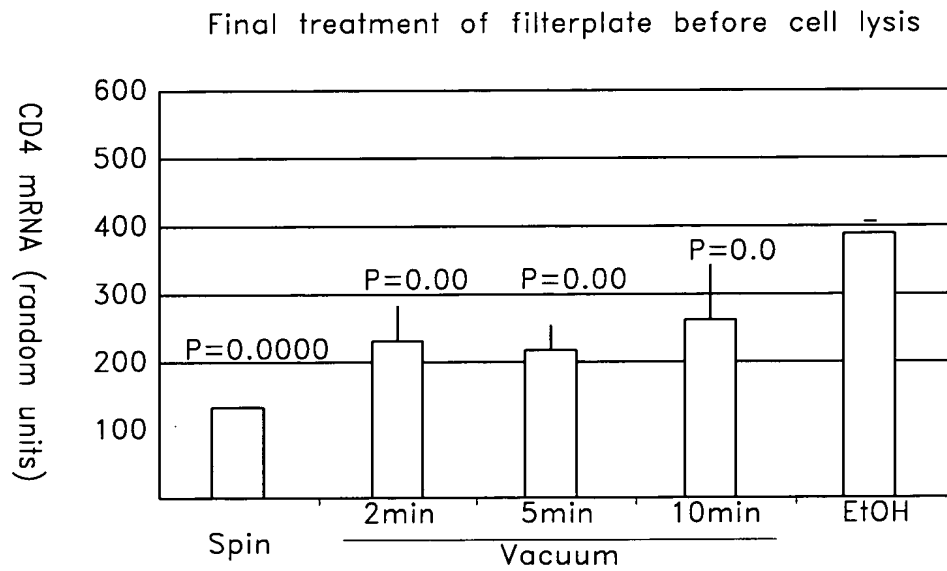


FIG. 5

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Lysis Buffer: RNase inhibition

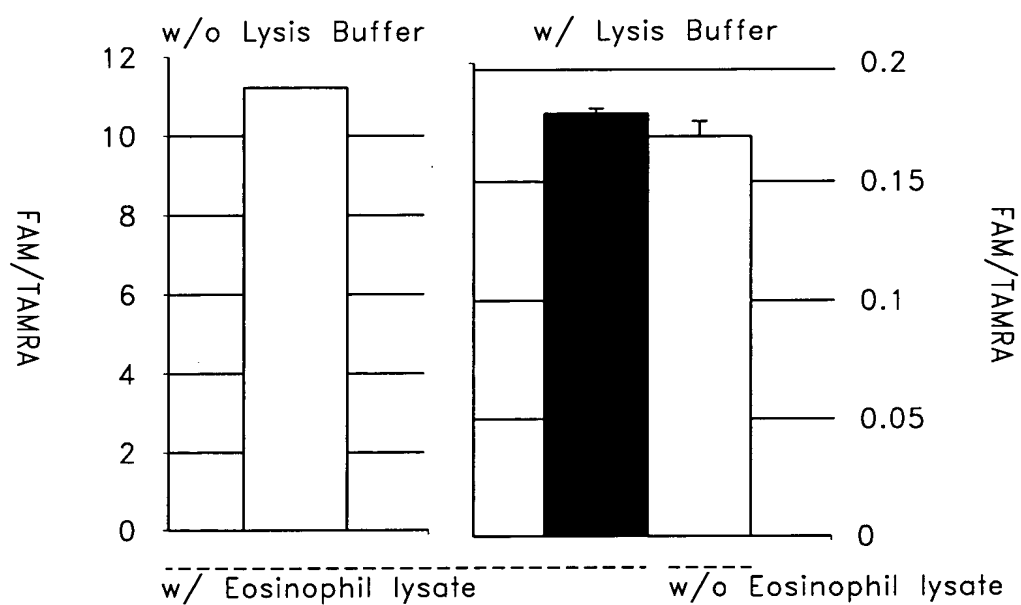


FIG. 6

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Optimal concentrations of reverse transcriptase

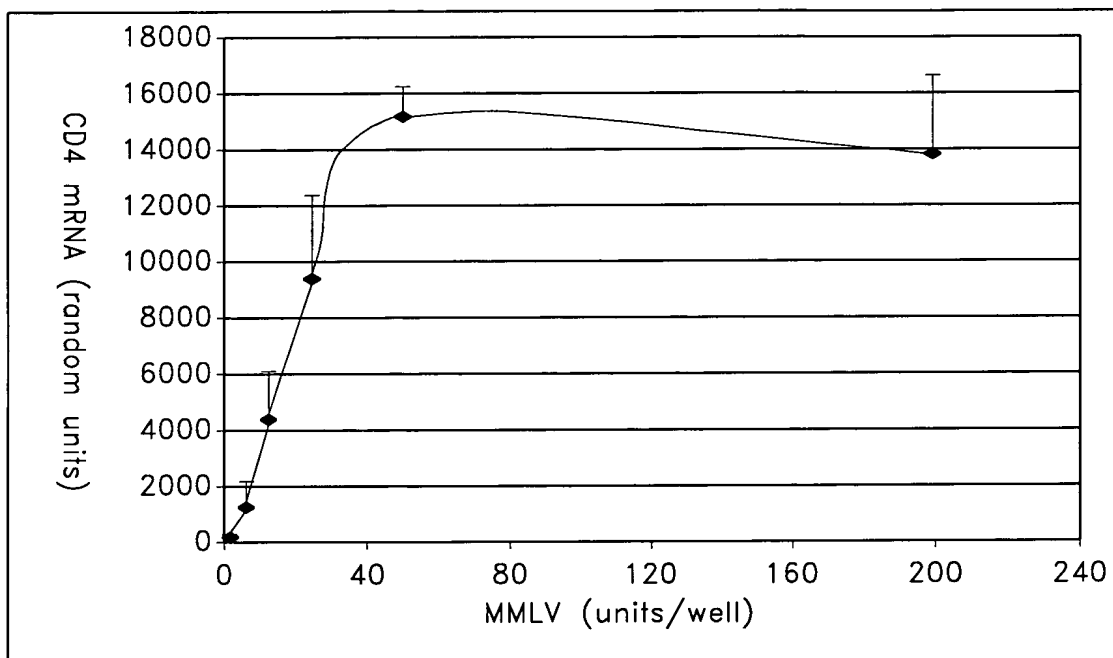


FIG. 7

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Optimal volume of cDNA for PCR

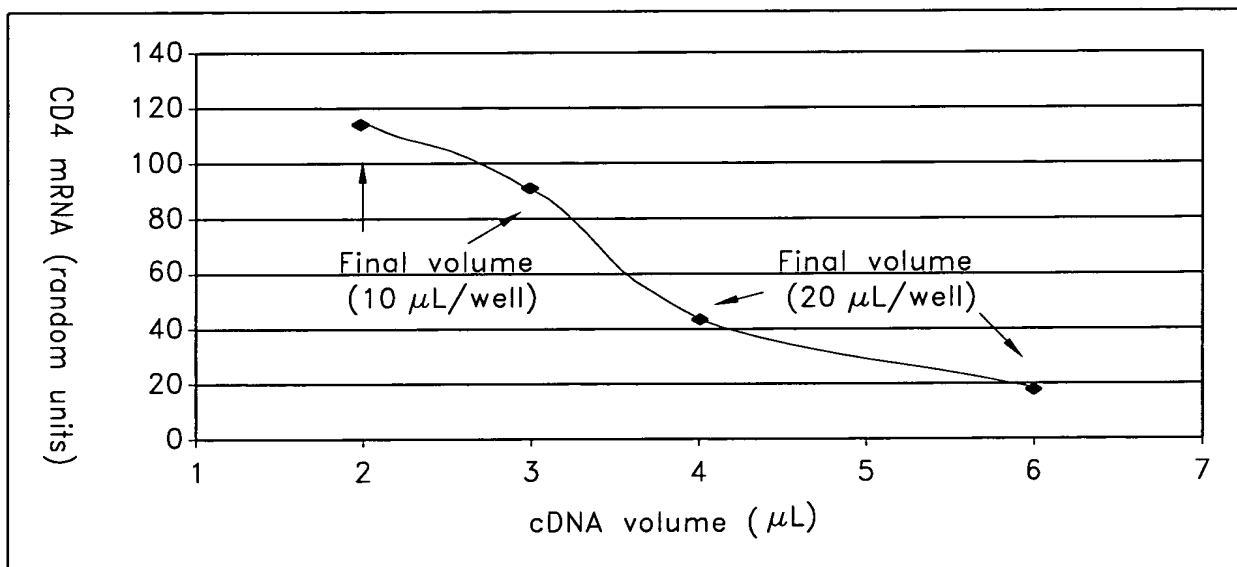


FIG. 8

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Hybridization kinetics

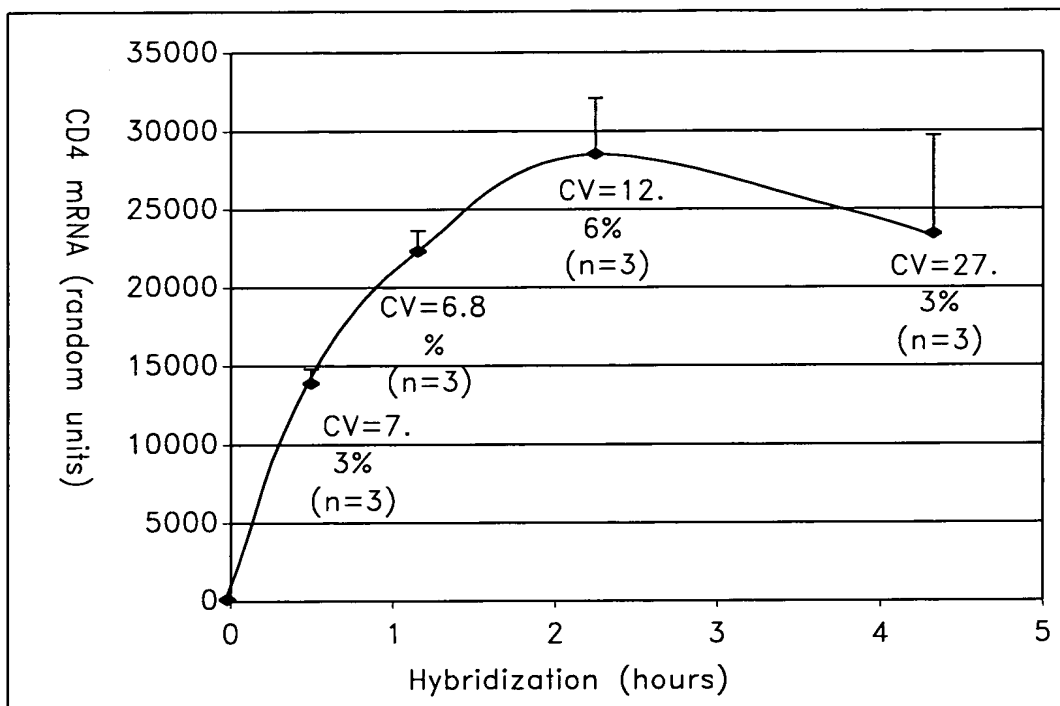


FIG. 9

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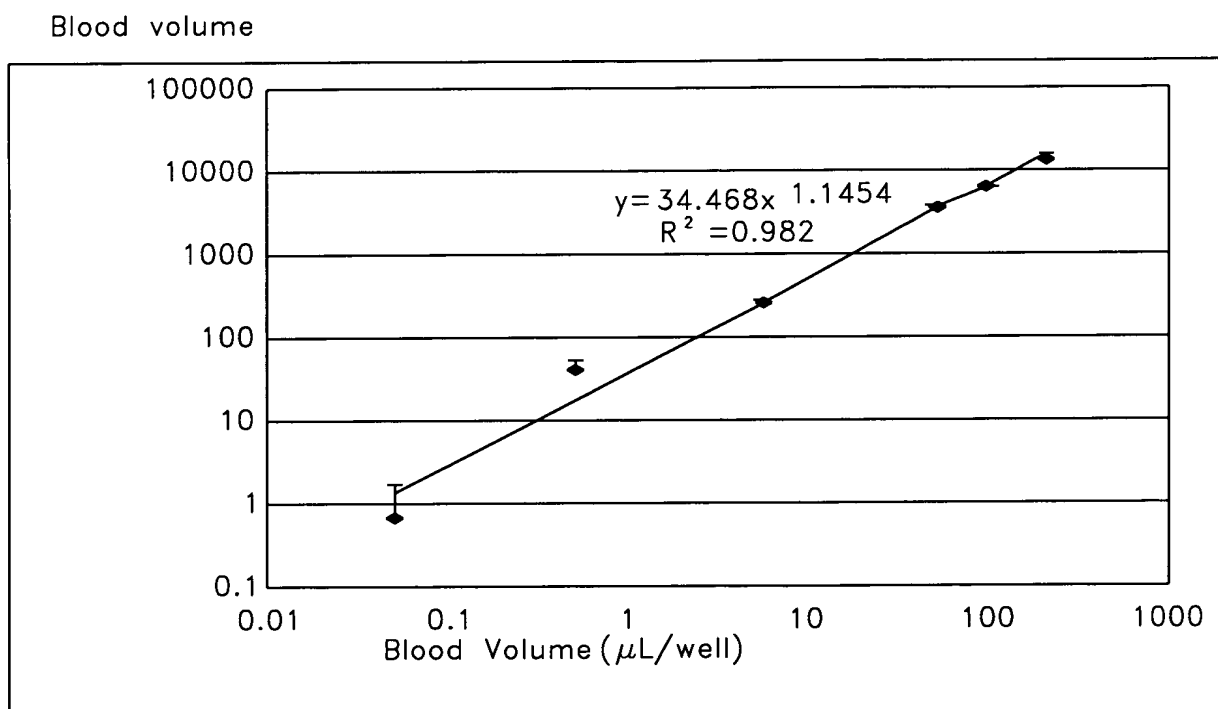


FIG. 10

Optimal guanidine thiocyanate concentration.

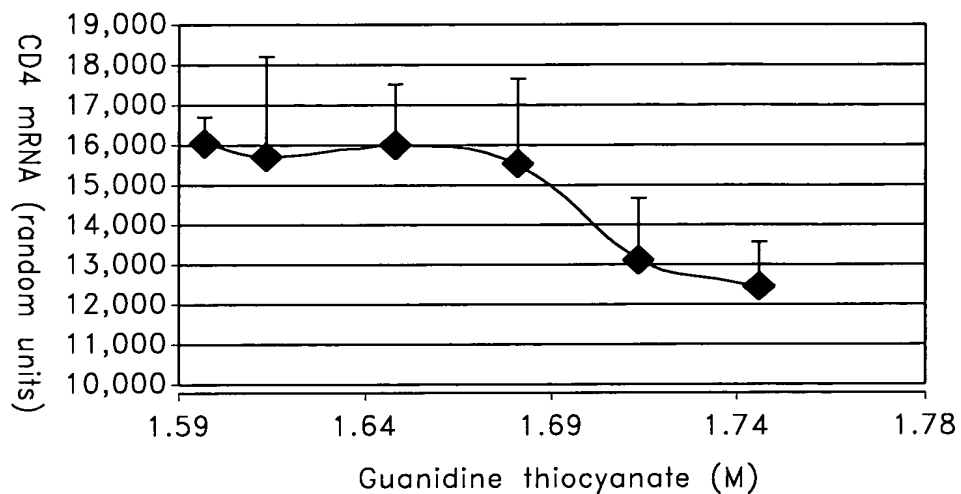


FIG. 11

Optimal proteinase K concentration.

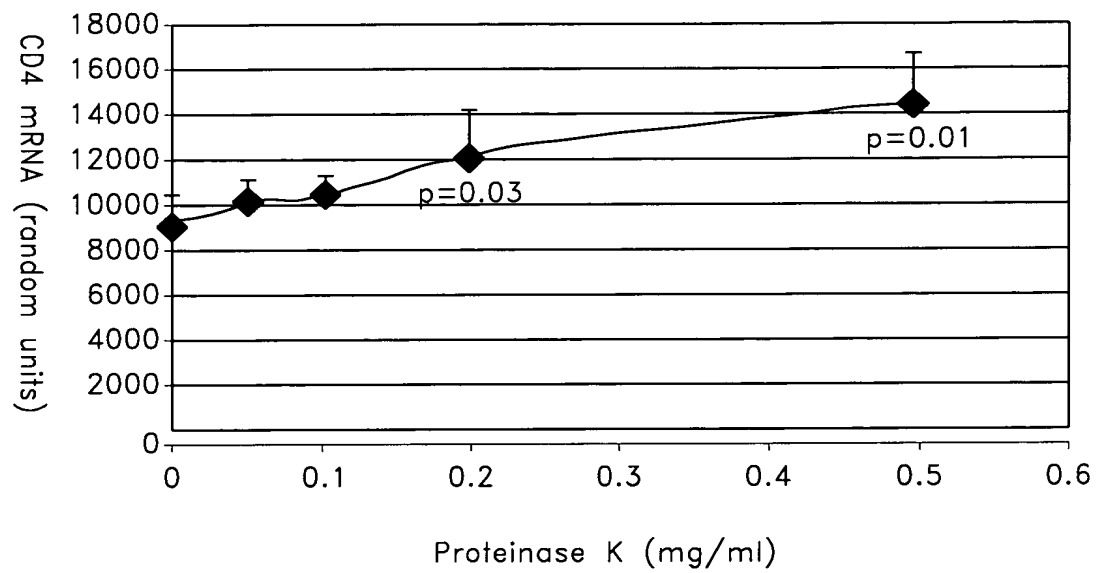


FIG. 12

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Assay Validation.

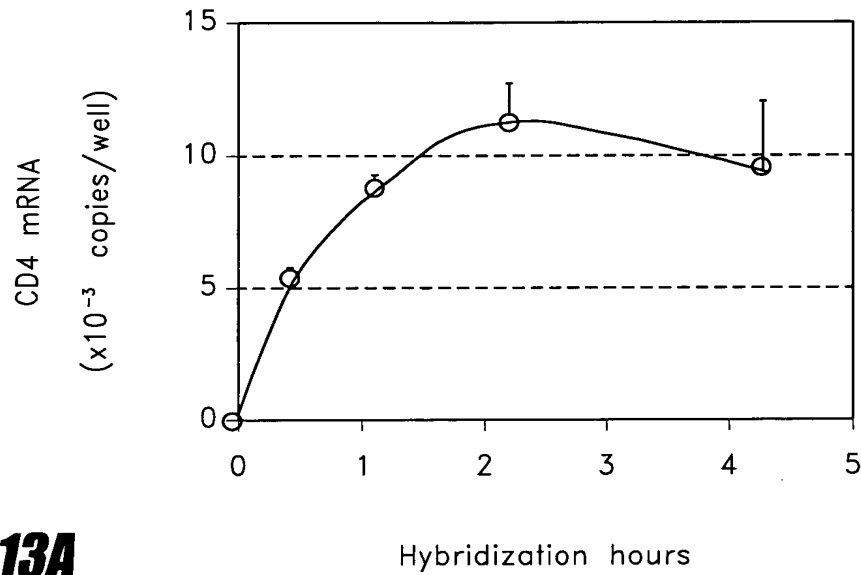


FIG. 13A

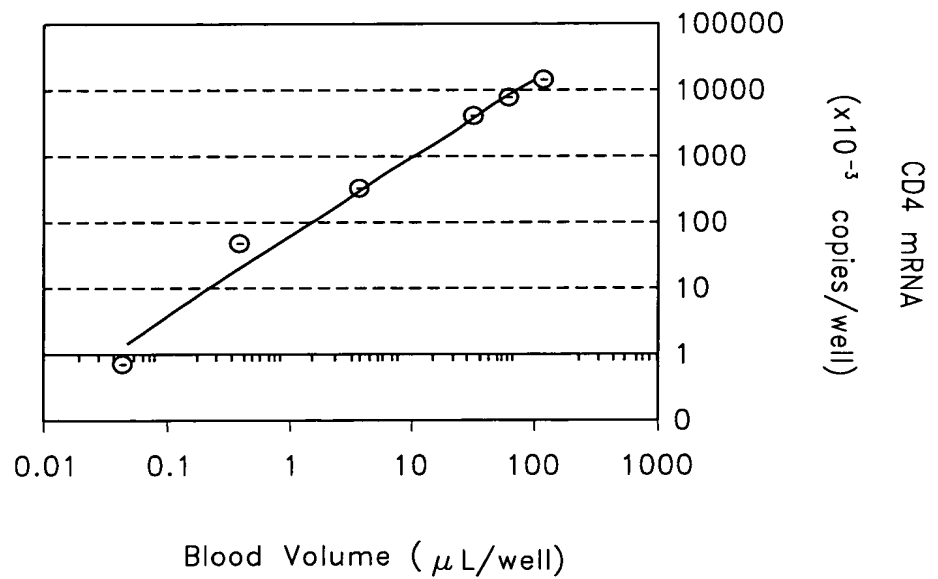


FIG. 13B

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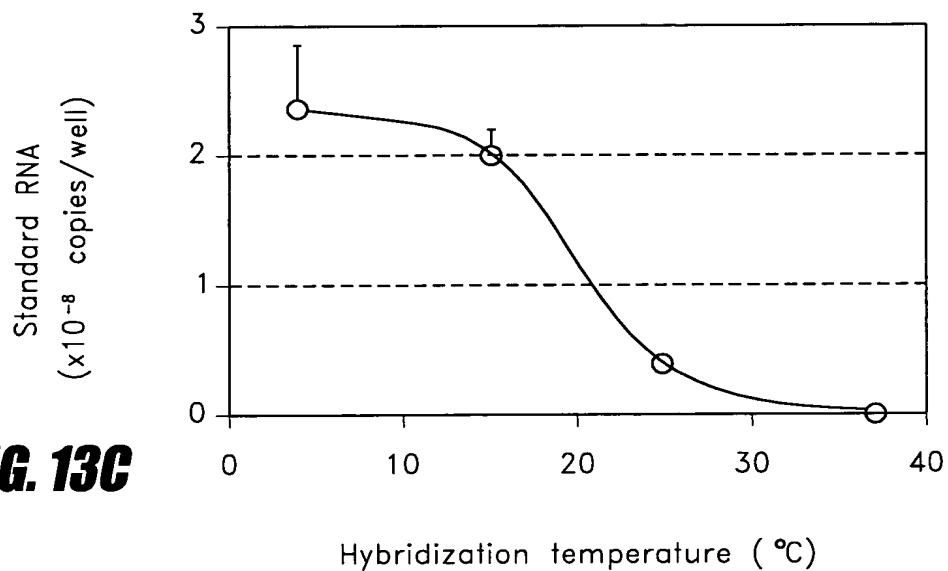


FIG. 13C

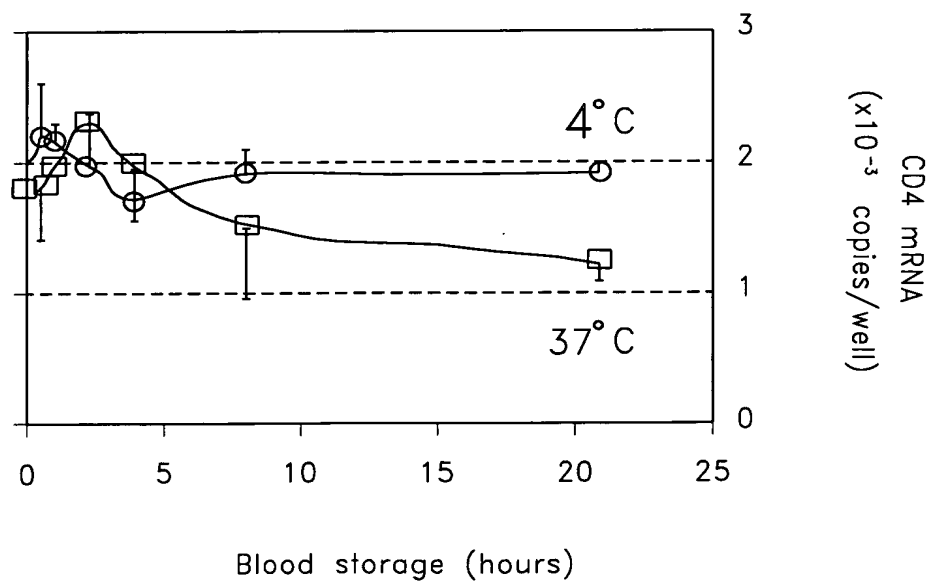


FIG. 13D

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Recovery of Synthetic Spiked RNA

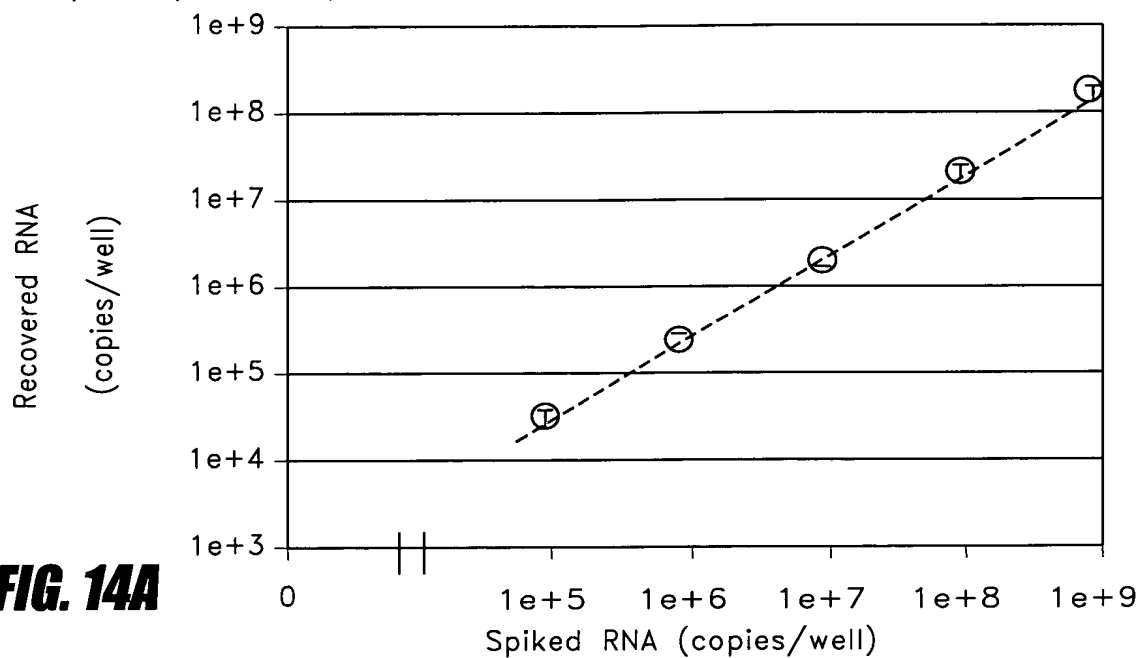
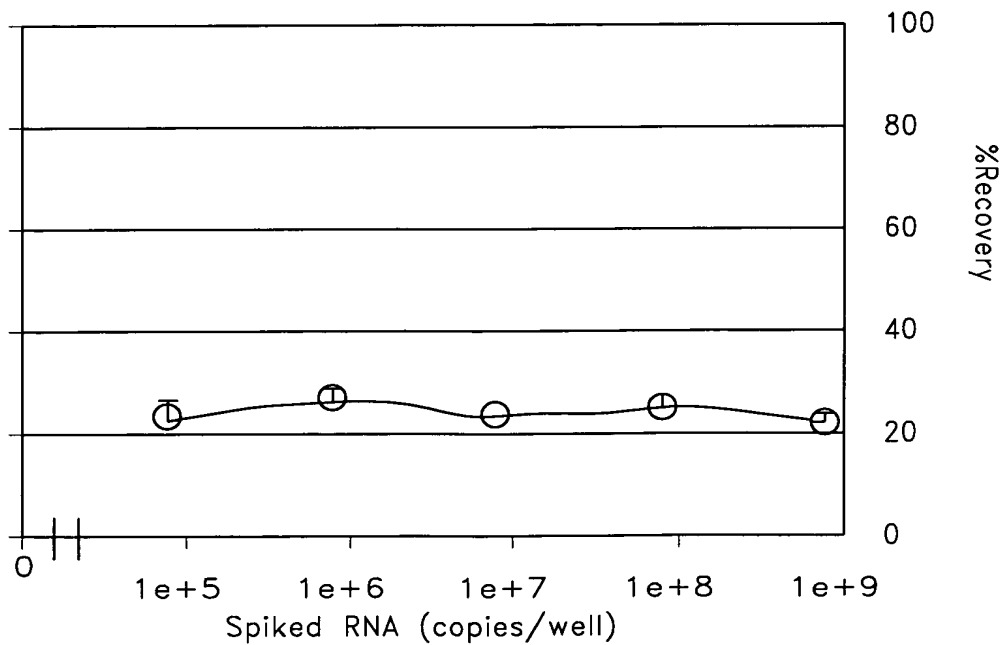


FIG. 14B



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Recovery of Synthetic Spiked RNA

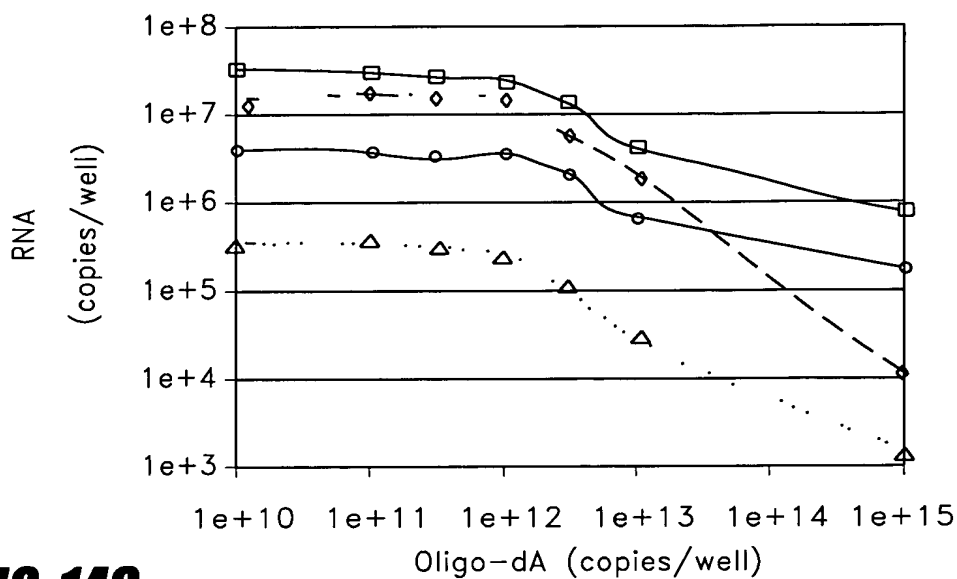


FIG. 14C

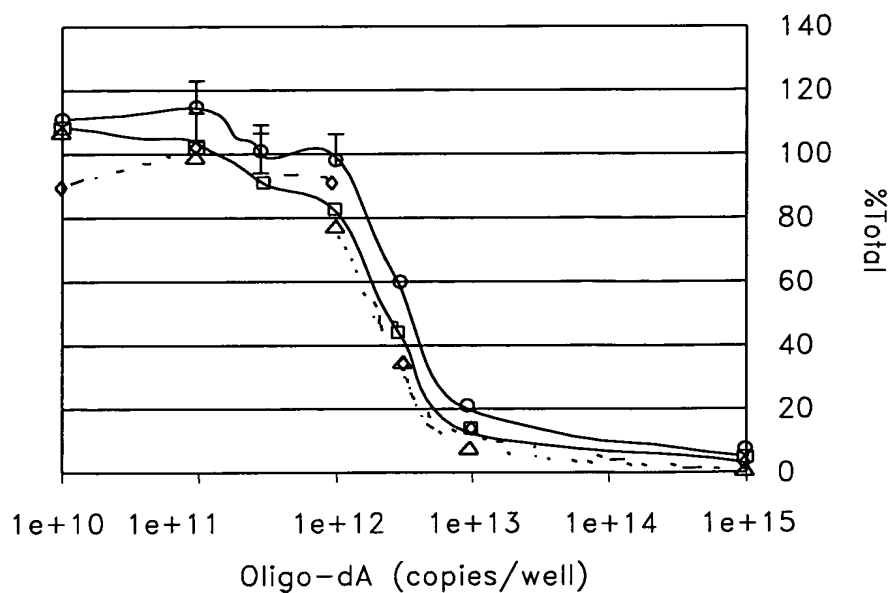


FIG. 14D

cDNA synthesis from both specific antisense primer (NNN) and immobilized oligo(dT).

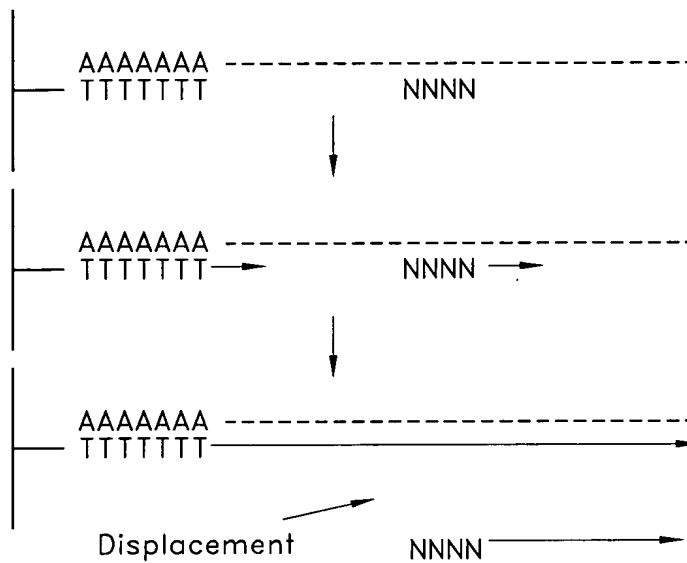


FIG. 15

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Recovery of specifically primed RNA with and without
denaturization.

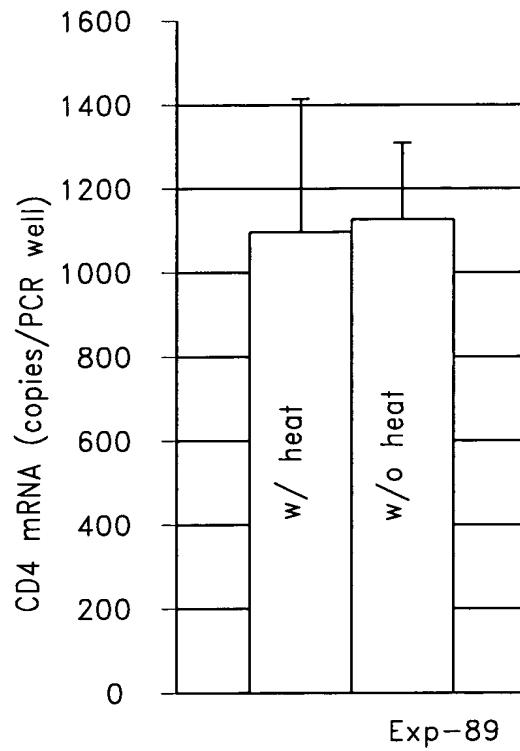


FIG. 16

Amplification of RNA with and without specific primers.

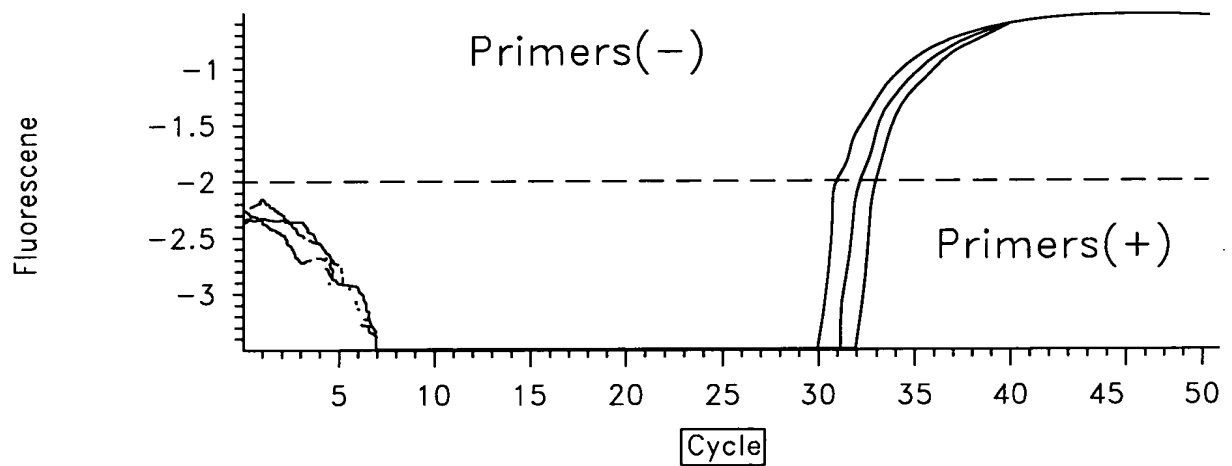


FIG. 17

mRNA quantification scheme using control RNA.

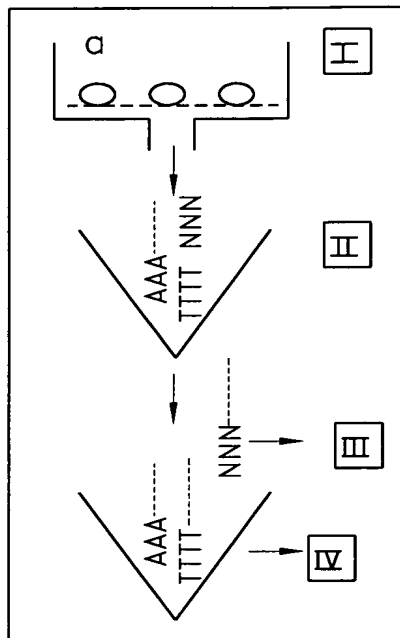


FIG.18A

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mRNA quantification scheme using control RNA

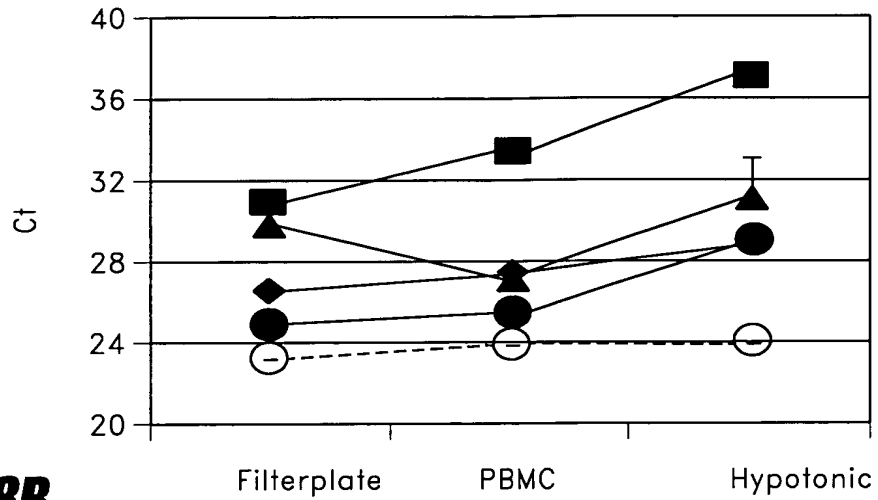


FIG. 18B

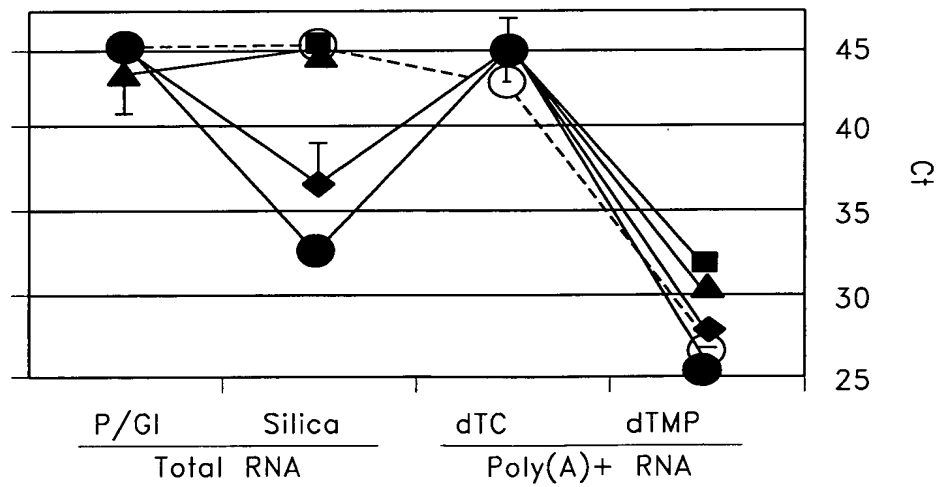


FIG. 18C

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mRNA quantification scheme using control RNA

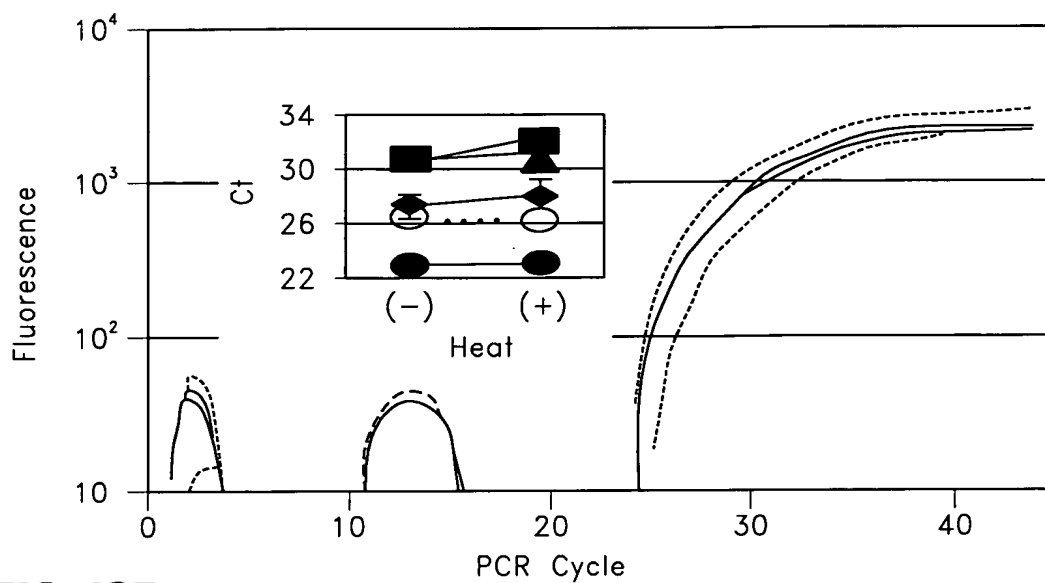


FIG. 18D

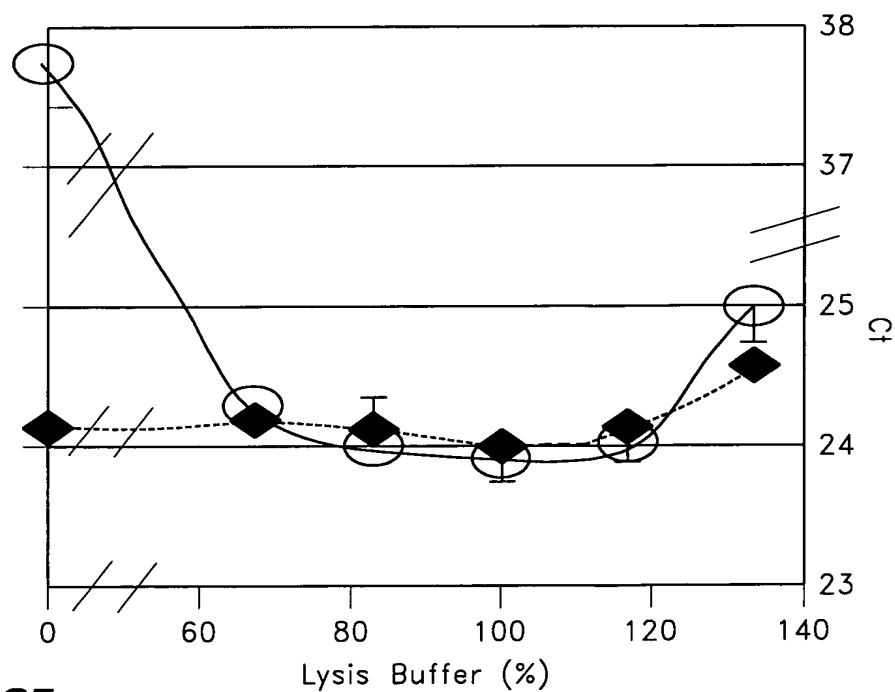


FIG. 18E

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PCR cycles.

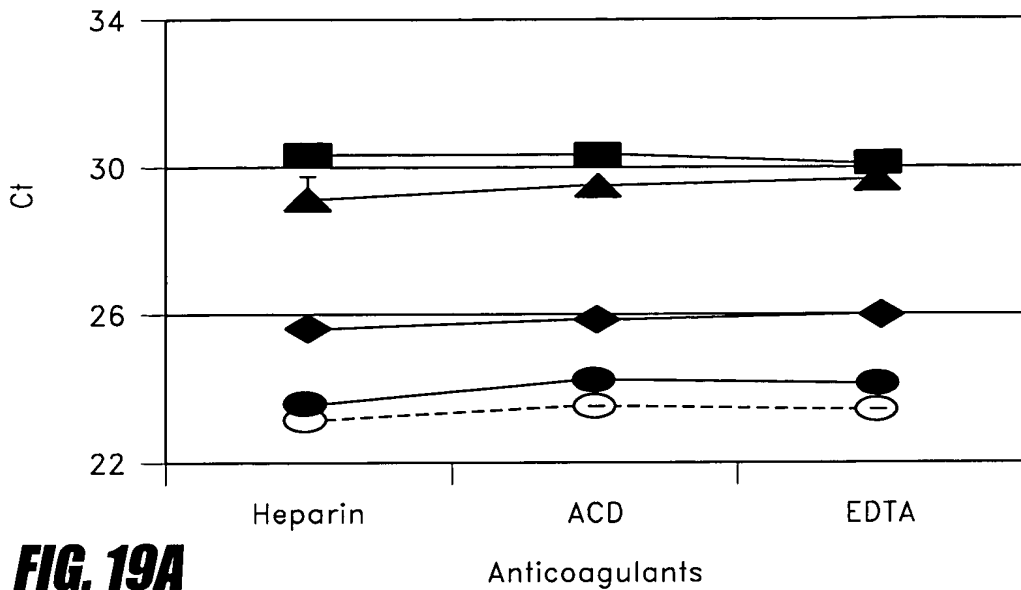


FIG. 19A

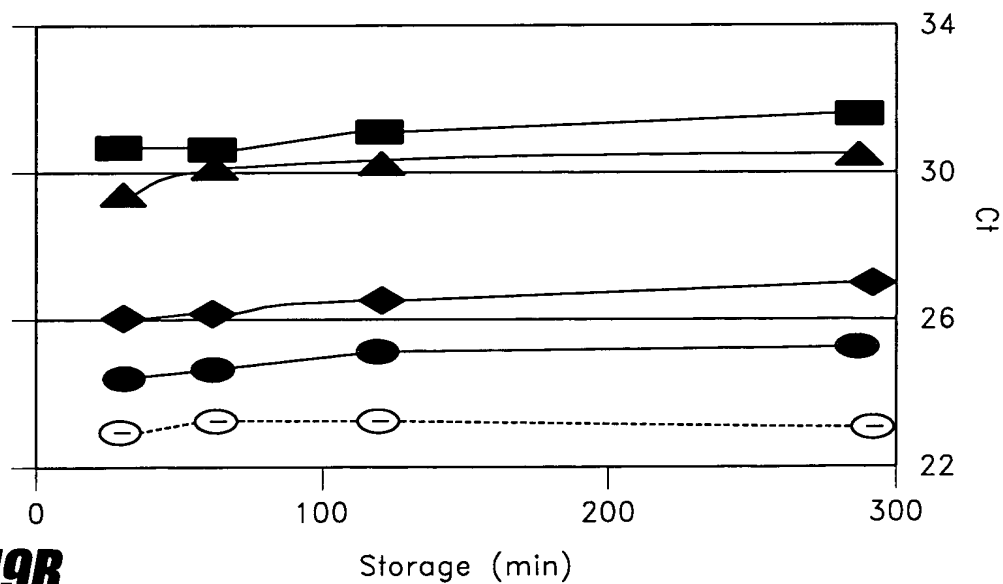


FIG. 19B

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PCR cycles.

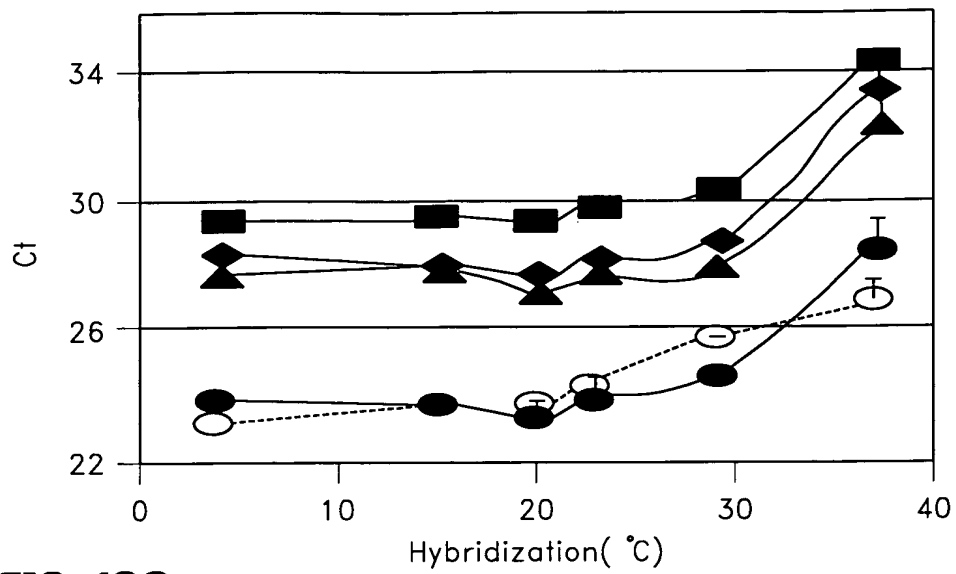


FIG. 19C

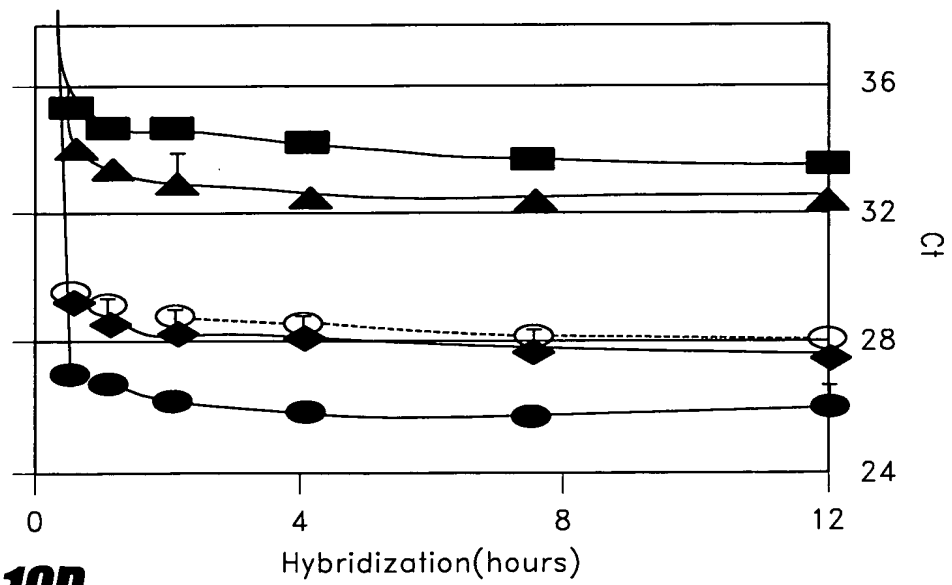


FIG. 19D

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PCR cycles.

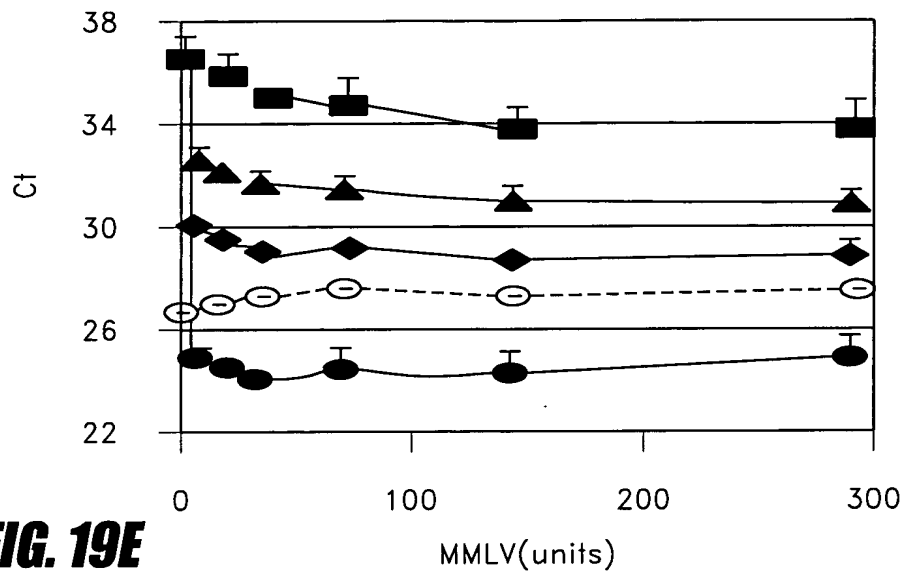


FIG. 19E

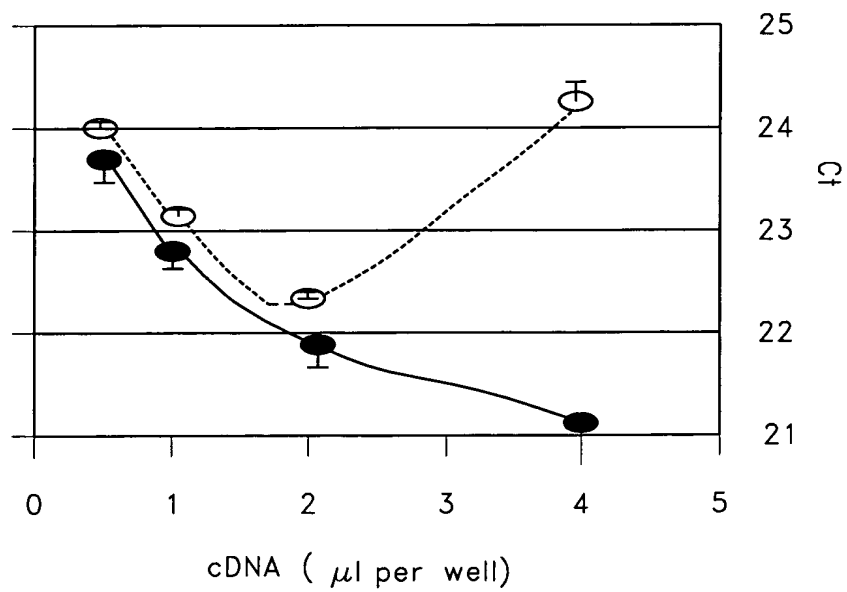


FIG. 19F

Performance of Control RNA.

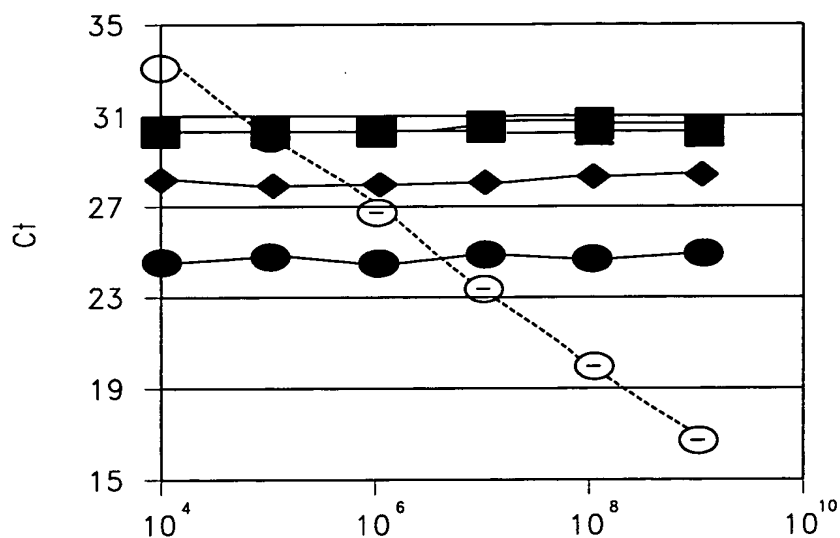


FIG. 20A Spiked standard RNA(molecules per well)

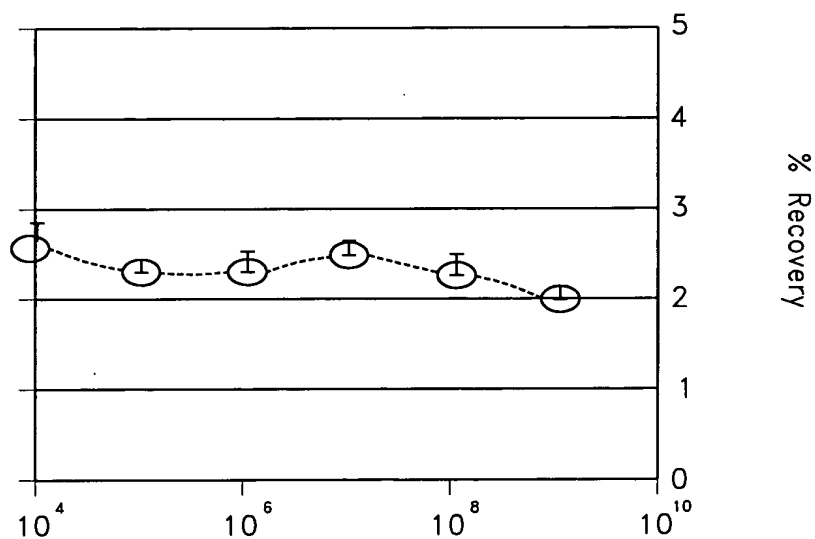
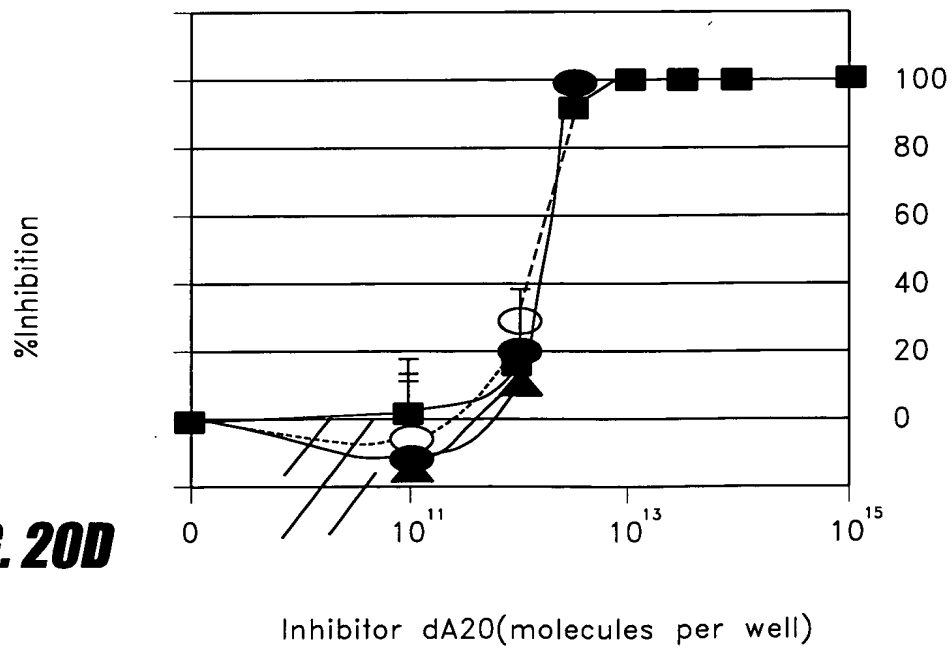
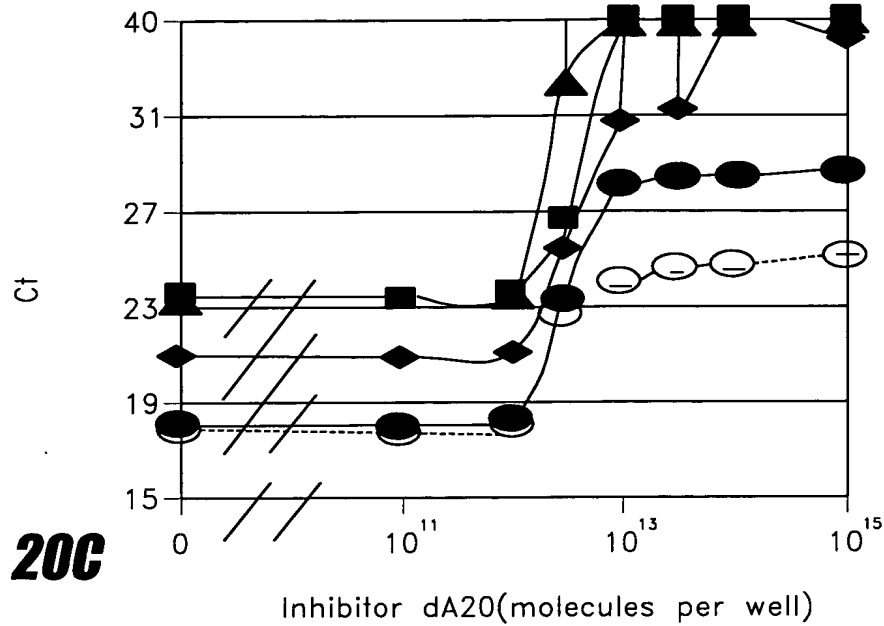


FIG. 20B

Spiked standard RNA(molecules per well)

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Performance of Control RNA



Performance of Control RNA

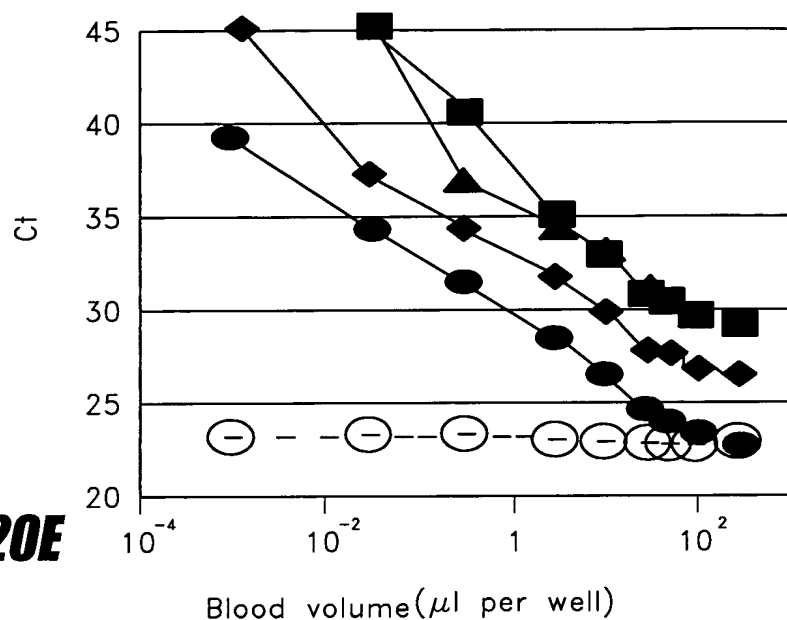


FIG. 20E

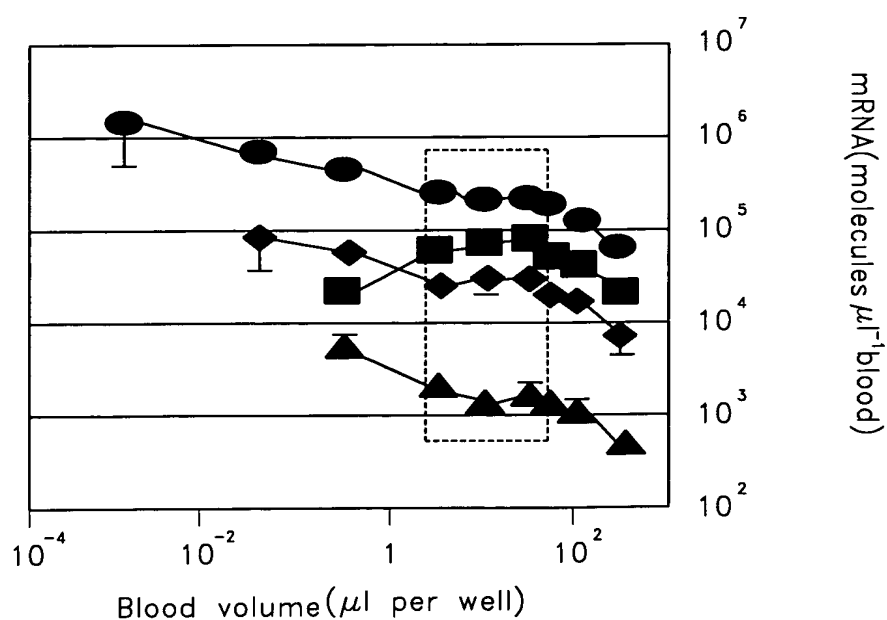


FIG. 20F

mRNA recovery of various subjects.

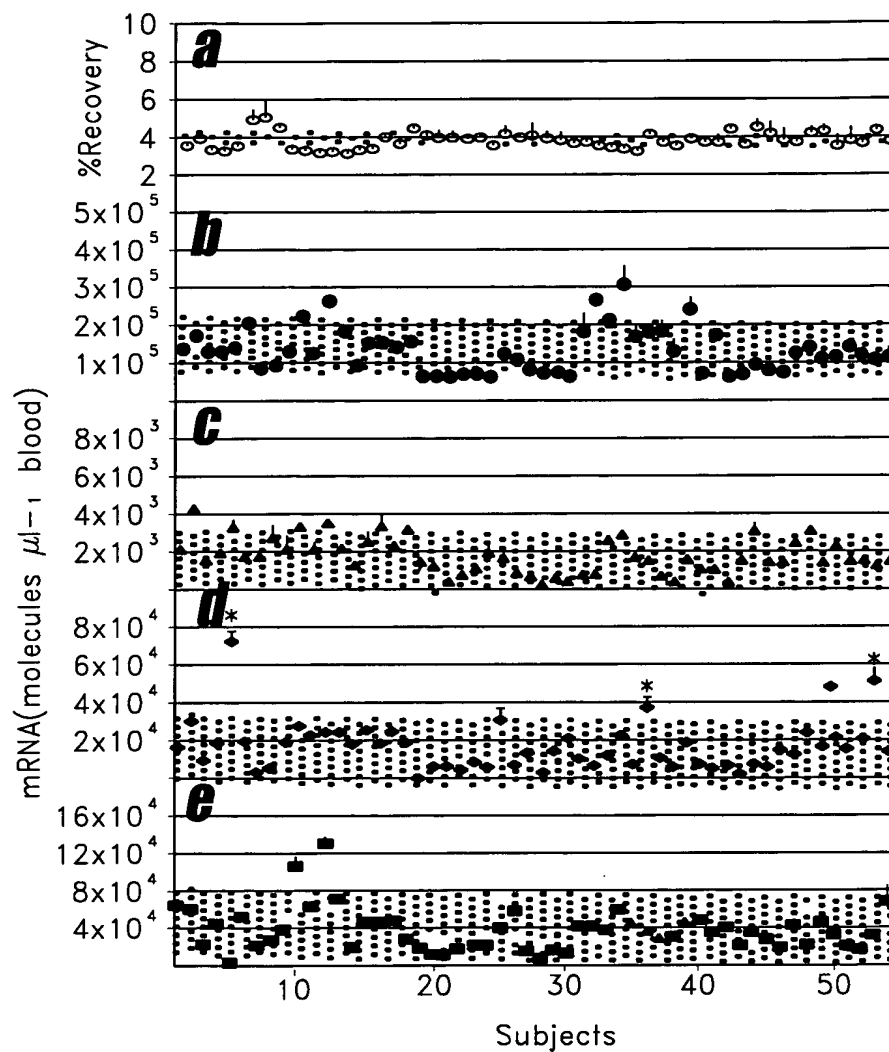


FIG. 21A-21E

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Recovery of mRNA among various subjects.

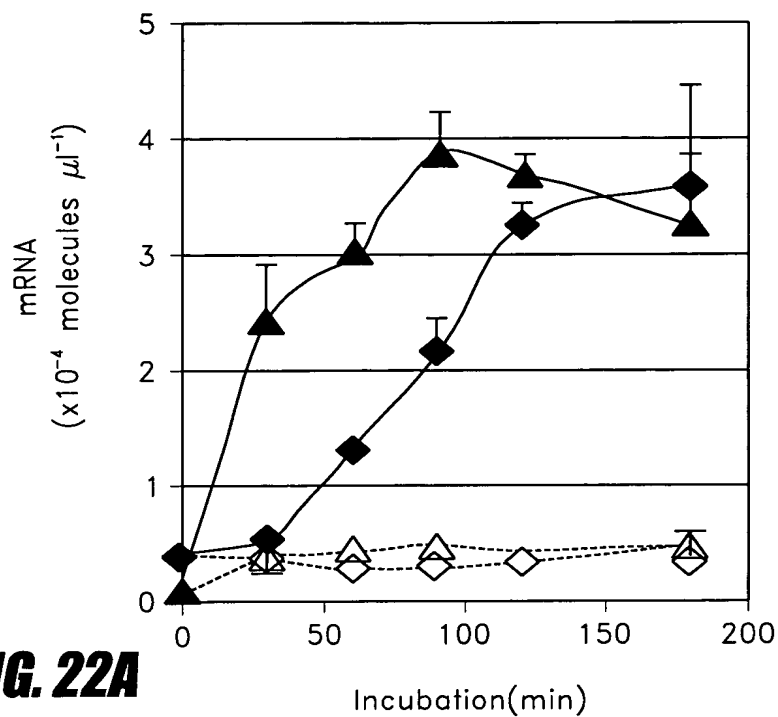


FIG. 22A

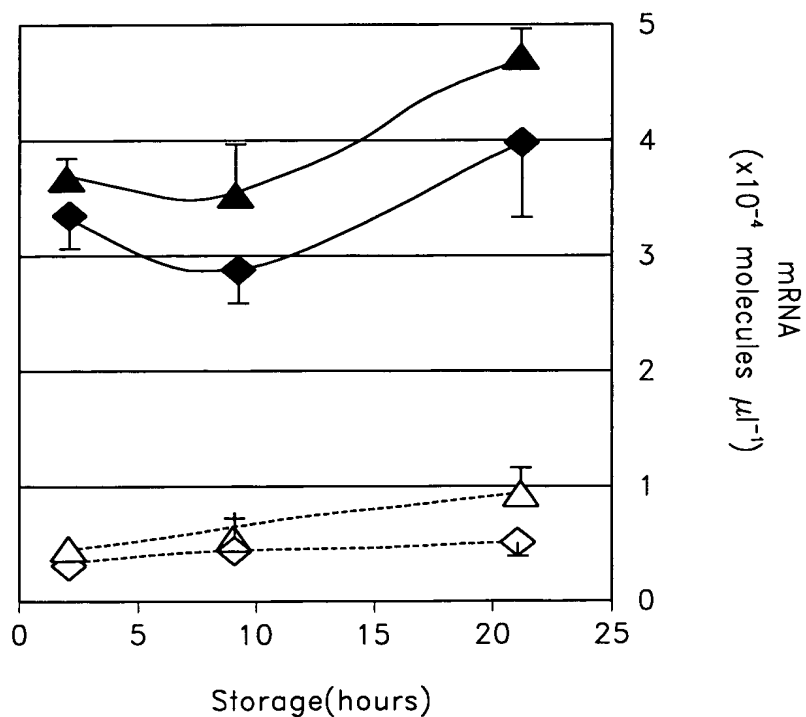
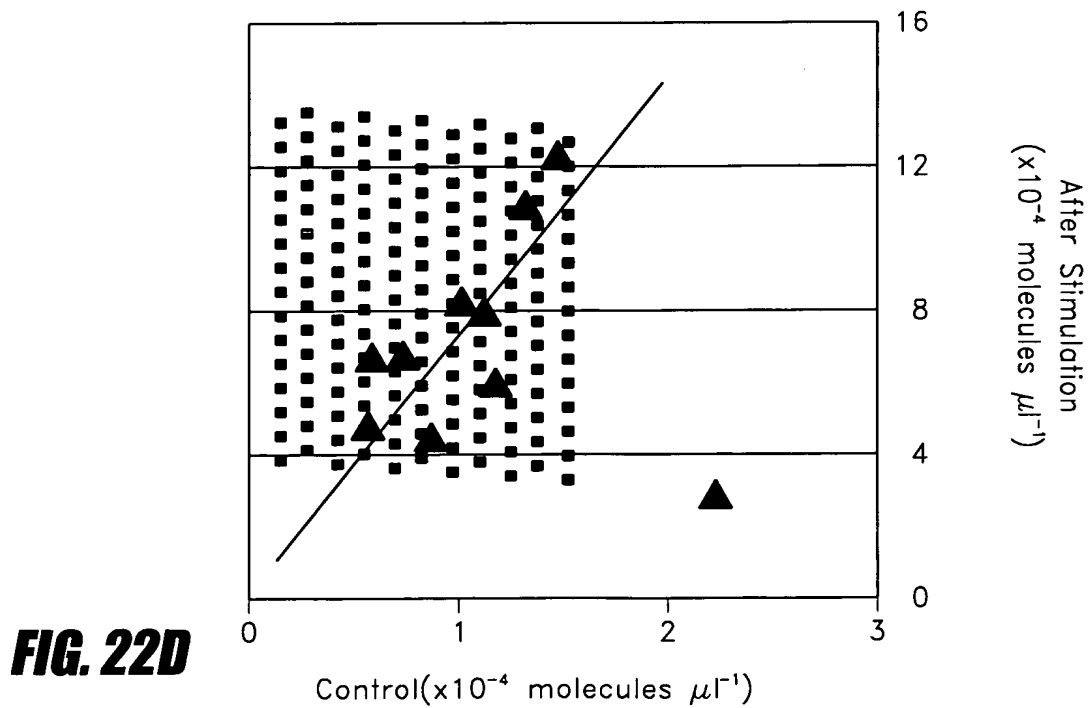
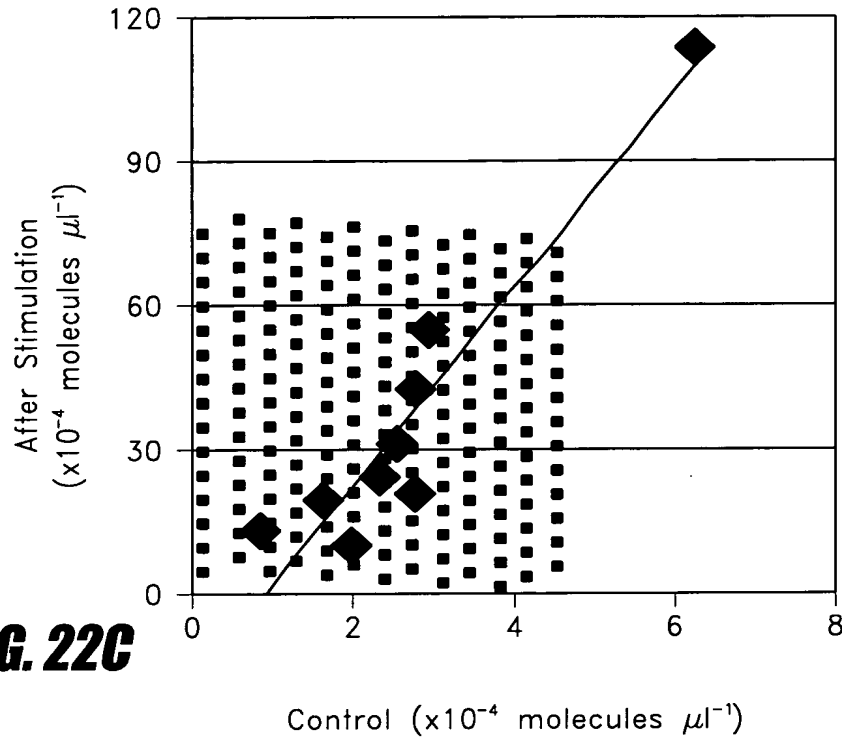


FIG. 22B

Recovery of RNA among various subjects



Recovery of mRNA various subjects

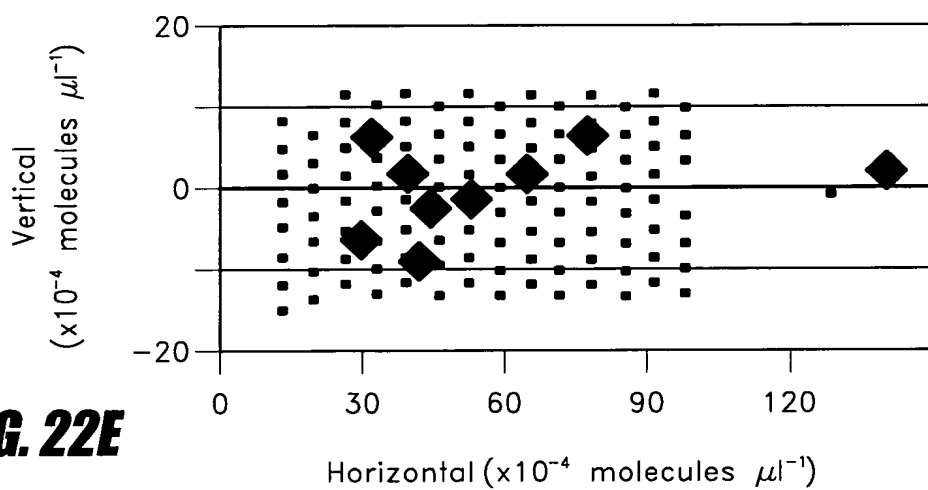


FIG. 22E

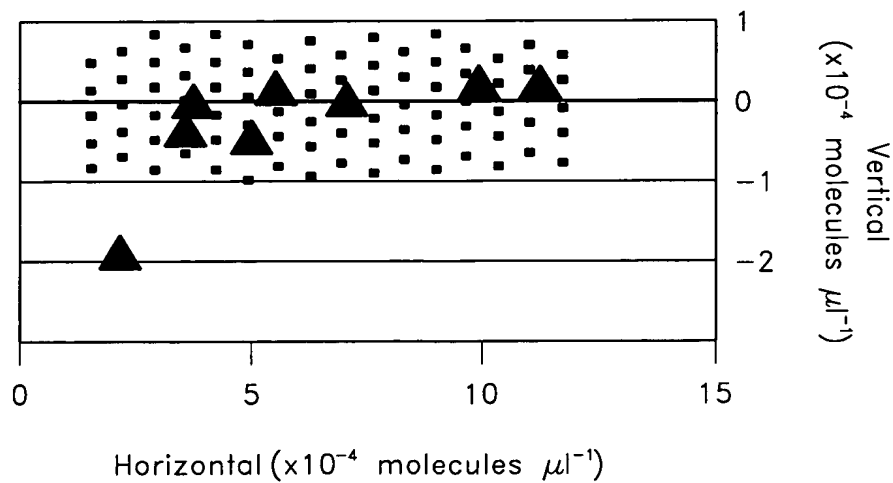


FIG. 22F

